QuickGroup

Quick Group, international leader in the nautical equipment sector, operates worldwide in more than 110 countries.

From the beginning, the Group has been at the forefront of the times, and today it boasts an ambitious project of technological innovation and excellence hub for the nautical market.

Quick Group has more than 450 employees and extends its logistics and production capacity over 40,000 square meters between Italy, with its headquarters in Ravenna and three production sites, and abroad, with logistics and commercial sites in the United States and in the UK. The Group, led by Michele Marzucco as CEO and Founder, has been working in partnership since 2022 with Fondo Italiano d'Investimento SGR and Armònia SGR.

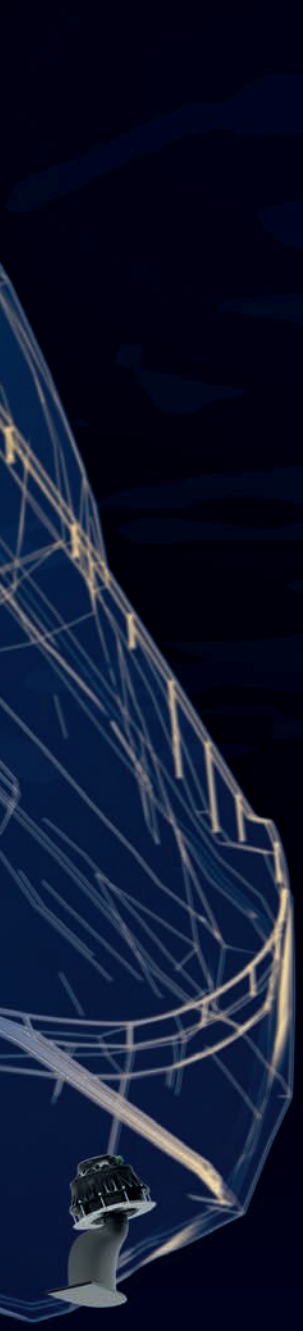
At the heart of the MC² brand is a vision to transform your journey on the water into an unparalleled experience. The goal is to create products that not only enhance comfort but also redefine what it means to navigate the seas.

The commitment to providing an extraordinary boating experience pushes the boundaries of innovation, ensuring that every voyage is both smooth and unforgettable.

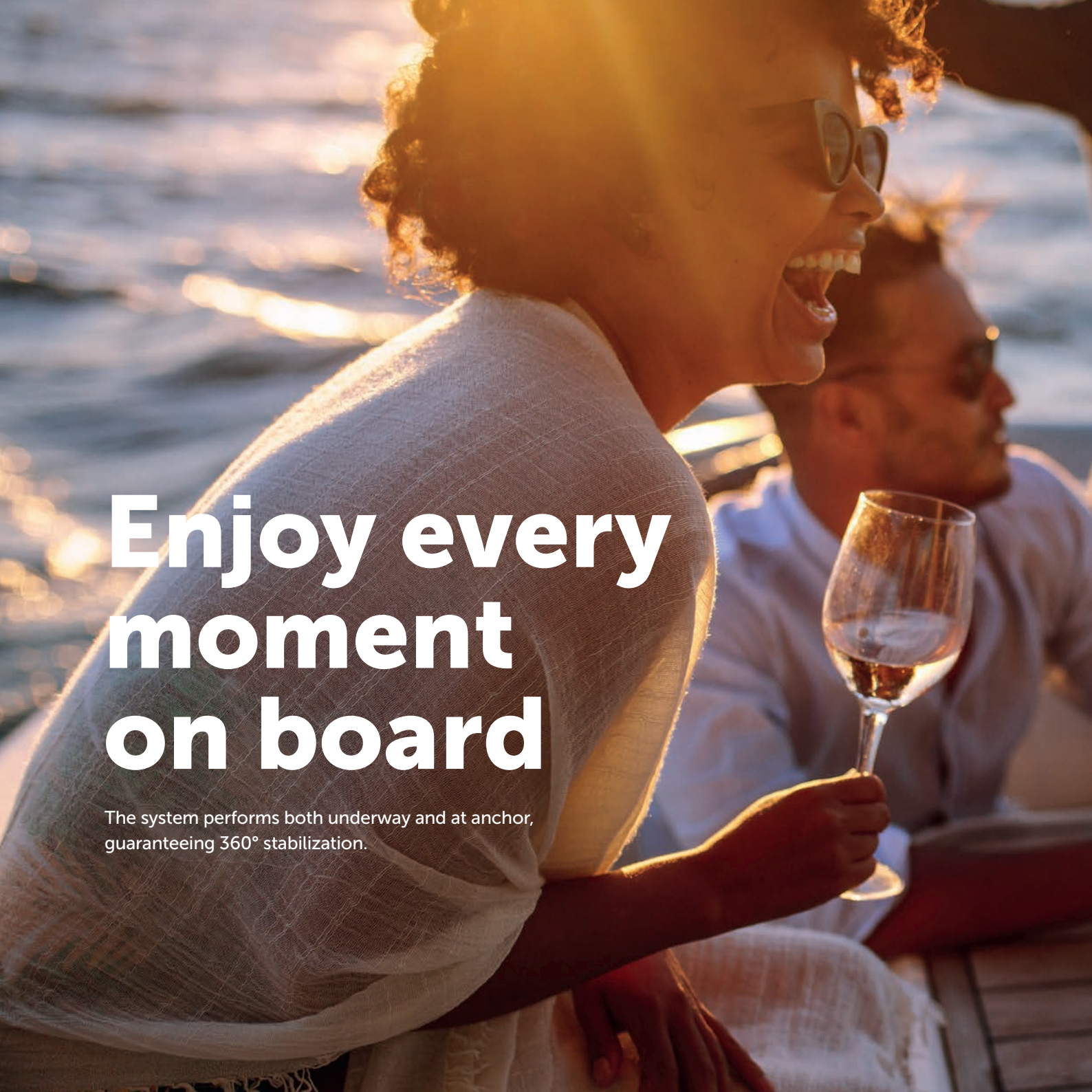
The cutting-edge stabilization lineup includes VIATOR fins, INTERCEPTA X and IN series trim-tabs, and the QUICK GYRO stabilizer - each a testament to the pursuit of excellence.

These products are designed to perform at the highest level individually, but when integrated together, they revolutionize the way you experience the sea.
They ensure unmatched stability, comfort, and performance, making every moment on board exceptional.


mc²
X30



Limitless comfort in a single system



Enjoy every moment on board

The system performs both underway and at anchor, guaranteeing 360° stabilization.

Unrivaled stabilization

The strengths of the systems provide much more efficient stabilization.
Roll reduction is guaranteed by Quick Gyro and Viator, while Intercepta eliminates pitch.

No Roll

No Pitch

Stabilization and boat trim

VIATOR
Anti-roll Fin Stabilizers

VIATOR, INTERCEPTA and QUICK GYRO: THESE ARE THE REVOLUTIONARY PRODUCTS BY MC²

Fins, two trim tab series and gyros are extremely high-performing products in stand alone mode and together they can revolutionize the way of experiencing the sea.

SEACENTRIC SYSTEM

Seacentric is a unique system created not only to offer maximum comfort on board of any type of boat but also to satisfy all shipowners' needs, by offering a completely different marine experience, commuting the sea itself.

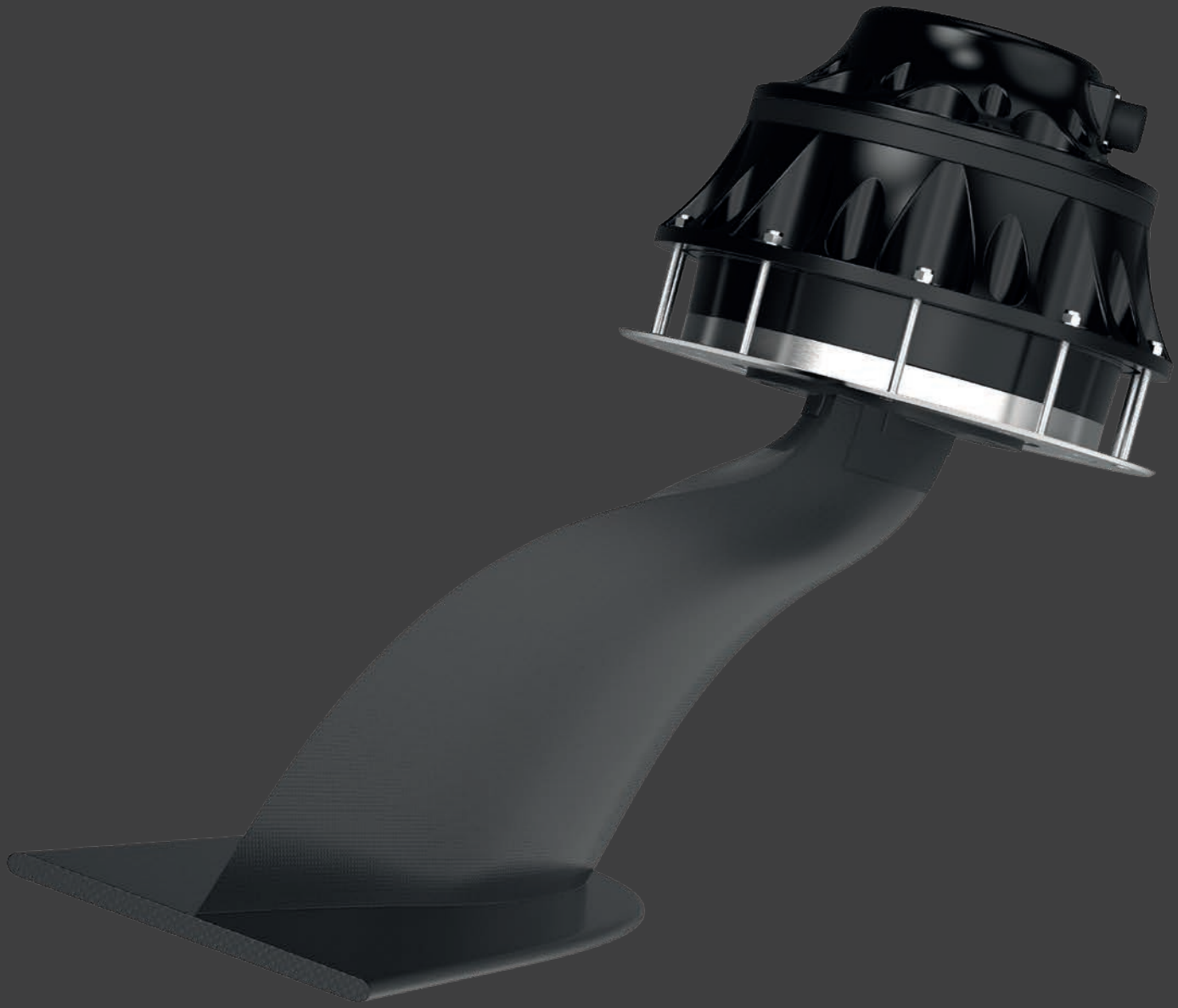
A more efficient stabilization is thus obtained thanks to an algorithm developed to get the most out of the different dynamic responses of the unique systems by combining their respective strengths.

QUICK GYRO
Anti-roll Gyro Stabilizers

INTERCEPTA
Interceptor Trim Tabs

BENEFITS

- Static and dynamic stabilization both at sea and at anchor.
- Possibility of having smaller systems by adding the torque developed by each device compared to installing stand-alone systems that do not communicate with each other.
- Better hydrodynamic performance and better weight distribution.
- The integration between these systems leads to greater stabilization, efficiency and optimization by improving the boat's steering, consumption and dynamics.



VIATOR

Anti-roll Fin Stabilizers

VIATOR

Anti-roll Fin Stabilizers

ROLLING REDUCTION UP TO 95%

VIATOR is the stabilizing fin by MC^2, capable of reducing vessel roll up to 95%. VIATOR's response time and seamless operation reduce roll more effectively than any other system.

VIATOR consists of a fin, an electric motor and a control unit which analyses and predicts the boat's dynamics, adjusting the stabilization algorithms to better adapt to evolving conditions. The fins are powered by highly efficient, extremely compact and silent electric motors.

Active stabilization

At anchor and at cruising speed

Unmatched power: Viator's cutting-edge design sets a new standard

The Viator fin's design, optimized through advanced fluid dynamics simulations, minimizes impact on yacht speed. This engineering approach provides Viator with superior performance per square meter, allowing it to stabilize even larger vessels compared to competitors.

Six featured modes that you can set for an enhanced and more user-friendly experience

Every yacht is different, but the goal is the same: to deliver the utmost comfort on board whether you're at anchor, swimming, cruising at a comfortable speed, or going full throttle.

Effortless Control

with Viator’s six featured modes

Viator offers a selection of six preset modes that users can easily navigate through its intuitive control panel.

With pre-configured settings tailored to various navigation scenarious, Viator allows for enhanced comfort and stability at sea, automatically with Full Auto Mode and through manually optimized stabilization modes, making it easy to adapt to changing sea conditions, cruising speeds, or personal preferences.

OPERATING MODE

Full Auto mode

The system automatically adjusts by analyzing data from the boat and its surrounding environment. This is made possible by the integrated inertial mass unit, which measures the boat accelerations in any axis, all powered by proprietary software.
For example, it switches to “dock” mode when entering the harbor and to “cruise” mode while underway.

Anchor mode

Manually activated mode. The fins rotate 180° toward the bow and stabilize the yacht without moving it towards the anchor.

Swimming mode

Manually activated mode. The fins rotate 180° toward the bow and stabilize the yacht, operating at reduced angle and speed to protect swimmers.

Dock mode

Manually or automatic activated mode. In the event of a collision with the dock, the fins are freed to rotate, preventing damage to the system.

Cruise mode

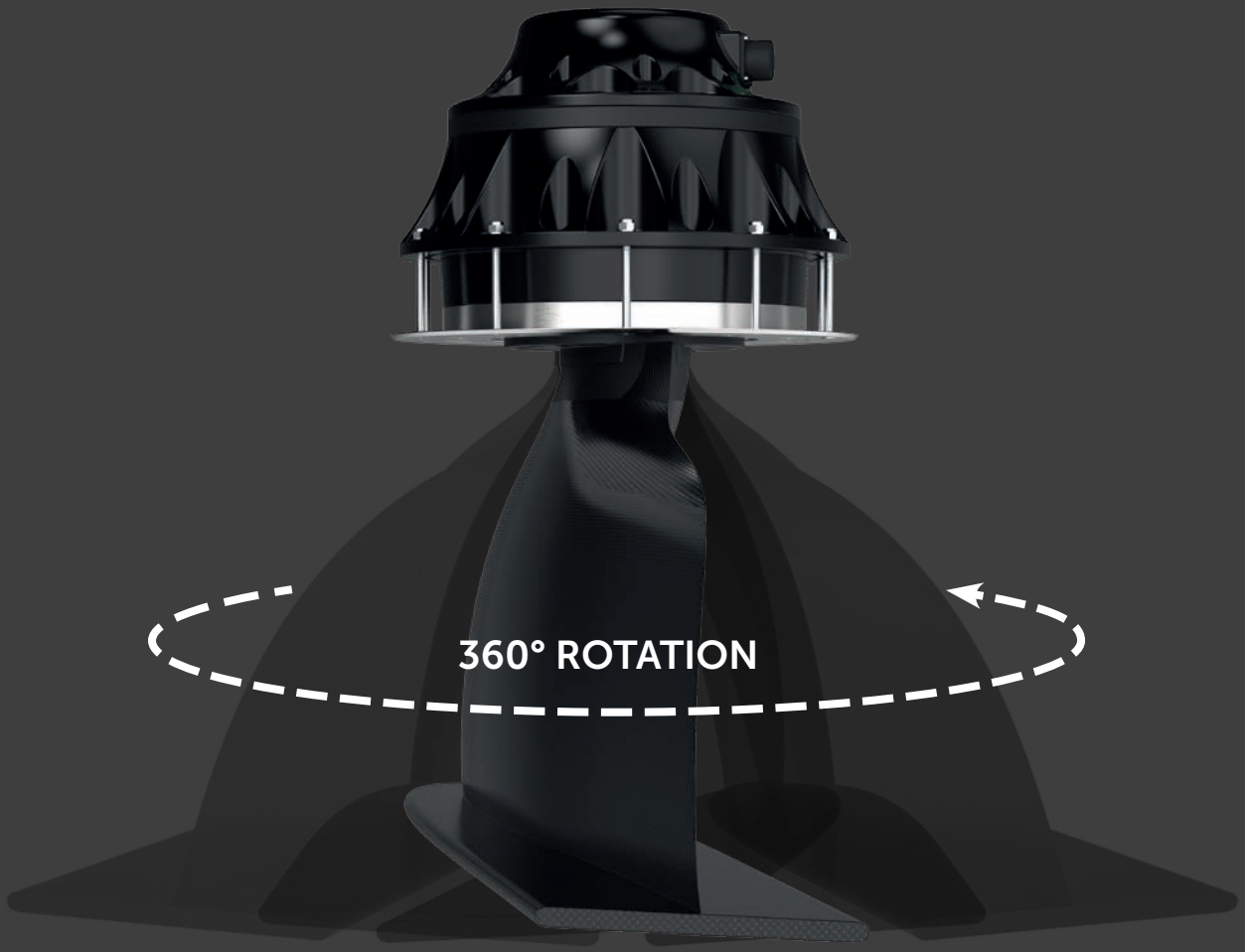
Manually activated mode ideal to maximize the yacht stabilization while cruising.

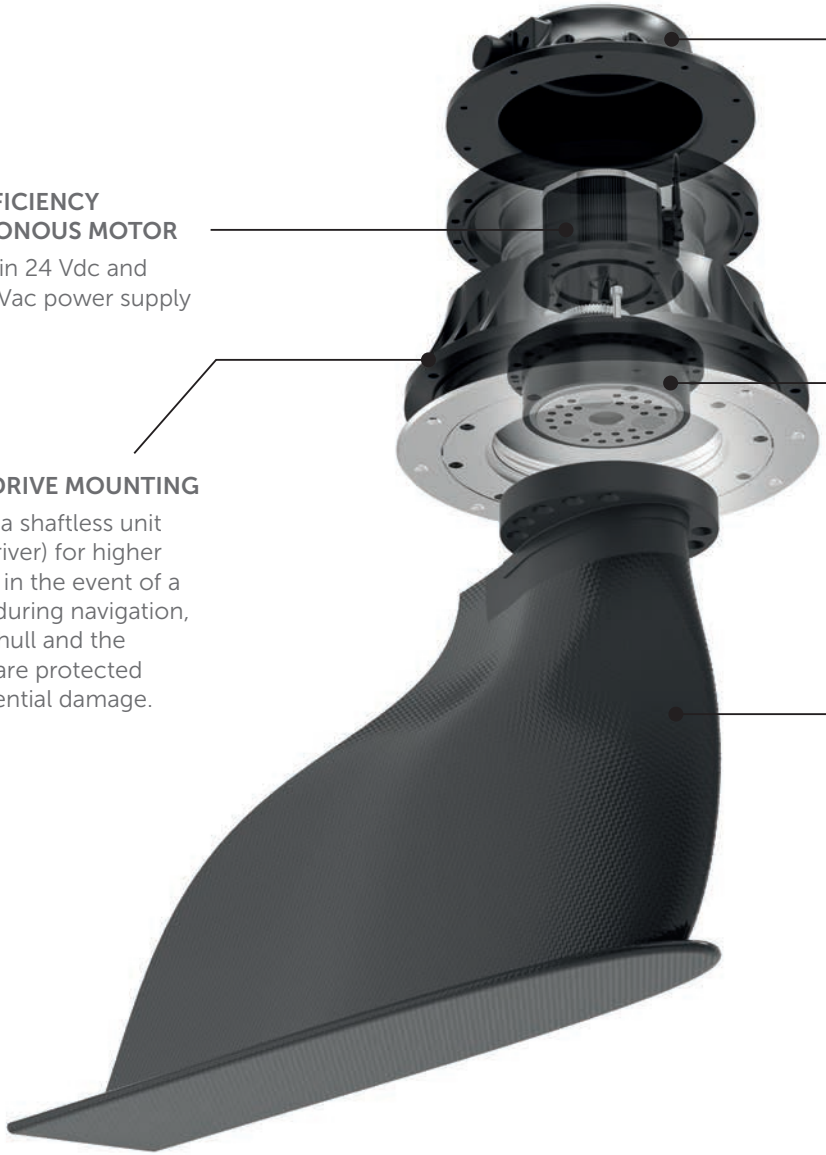
Free Torque mode

Safety feature with manual or automatic activation under certain conditions.
The fins are completely free to rotate without energy absorption.

TECHNICAL HIGHLIGHTS

- Compact design
- 360° rotation
- Easy installation
- Active stabilization at anchor and underway





HIGH EFFICIENCY SYNCHRONOUS MOTOR

Available in 24 Vdc and 220/380 Vac power supply

DIRECT DRIVE MOUNTING

The fin is a shaftless unit (Direct Driver) for higher safety, so in the event of a collision during navigation, both the hull and the actuator are protected from potential damage.

COVER WITH ELECTRICAL POWER CONNECTOR

HIGH PRECISION AND LOW NOISE GEAR BOX

No-play gearbox with optimized fin design, to minimize noise from both the mechanics (gearbox) and the water lapping (fin).

CARBON FIN optimized with HYDRODYNAMIC DESIGN

The fin design is optimized through a fluid dynamics simulation study in order to reduce the boat speed as little as possible.

RANGE

Discover the ideal Viator fin for your yacht, and be amazed by its compact size in relation to its powerful performance. This is due to Viator's innovative design, meticulously optimized through state-of-the-art fluid dynamics simulations to minimize impact on yacht speed. This engineering precision grants Viator exceptional performance per square meter, enabling it to stabilize even larger vessels compared to competing products.

VT700

24 Vdc / 240 Vac
0,7 mq / 7,5 ftq
1,41 x 0,55 m / 4,62 x 1,80 ft
110 kg / 242,5 lb

VT900

24 Vdc / 240-400 Vac
0,9 mq / 9,7 ftq
1,8 x 0,7 m / 5,90 x 2,29 ft
110 kg / 242,5 lb

VT1200

24 Vdc / 240-400 Vac
1,2 mq / 12,9 ftq
2 x 0,76 m / 6,56 x 2,49 ft
110 kg / 242,5 lb

6 m / 20 ft

15 m / 50 ft

46 m / 150 ft

FIND OUT THE PERFECT VIATOR FINS FOR YOUR YACHT!

15,2-19,8 m / 50-65 ft	18,3-24,4 m / 60-80 ft	21,3-30,5 m / 70-100 ft	25,9-36,6 m / 85-120 ft	30,5-46 m / 100-150 ft
VT700				
	VT900			
		VT1200		
			VT1700	
				VT2000

The provided data are for example purposes only and may vary according to the specific characteristics of each boat.

VT1700

240-400 Vac
1,8 mq / 19,4 ftq
2,56 x 1 m / 8,39 x 3,28 ft
140 kg / 308,6 lb

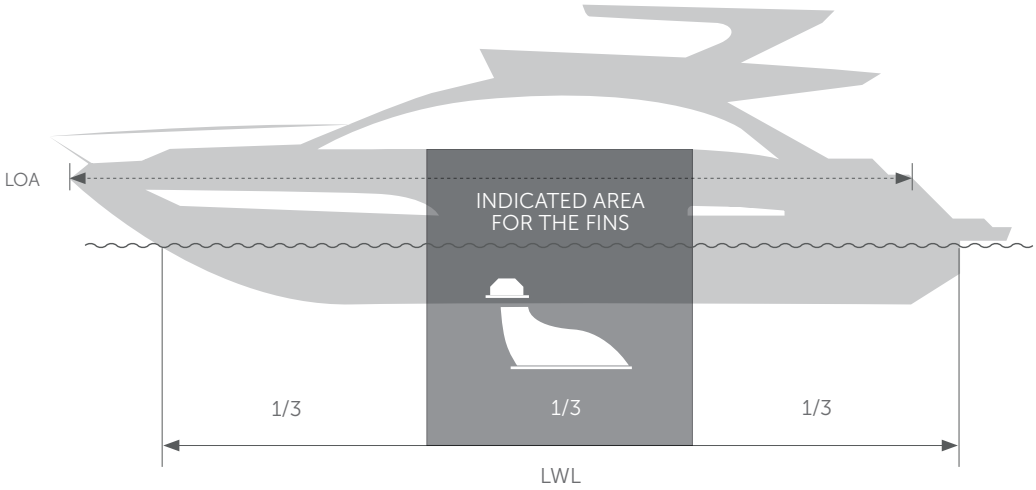
VT2000

240-400 Vac
2 mq / 21,5 ftq
2,6 x 1,1 m / 8,53 x 3,60 ft
140 kg / 308,6 lb

VIATOR can be combined in multiple installations up to 4 units.

Installation

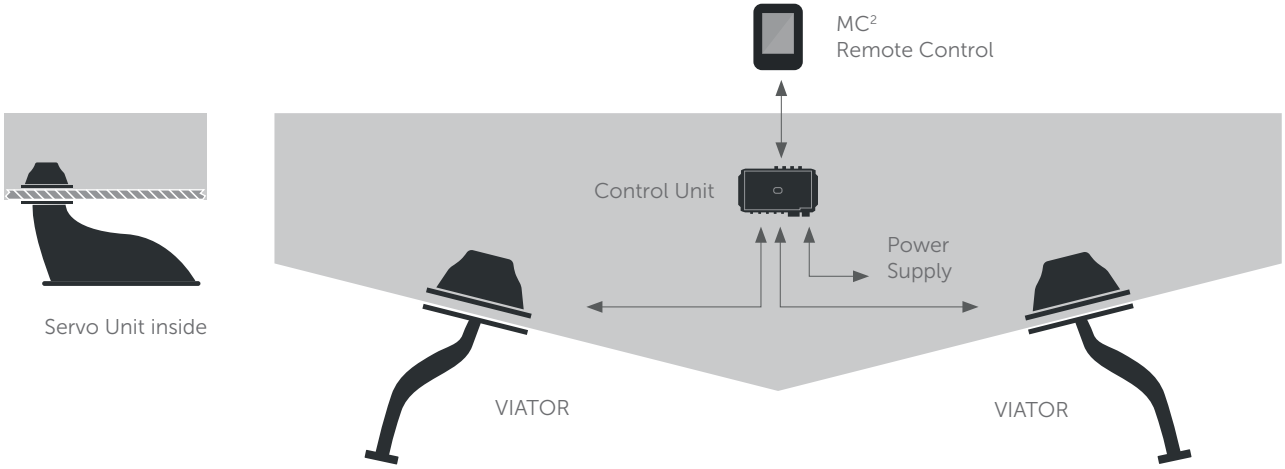
System arrangement



THE SECRET OF VIATOR'S PERFECT POSITIONING FOR MAXIMUM COMFORT

The ideal area for installation on board is, of course, the lowest part of the hull. All you need is a suitable area in the vessel, ideally spacious enough to accommodate the installation requirements without interfering with other equipment. The perfect positioning is in the central third of the vessel's length, allowing the fins to maximize stability and minimize any impact on maneuverability.

Viator fins are highly versatile and compatible with hulls made of composite materials, aluminum, and steel, making them suitable for a wide range of yachts and vessels.

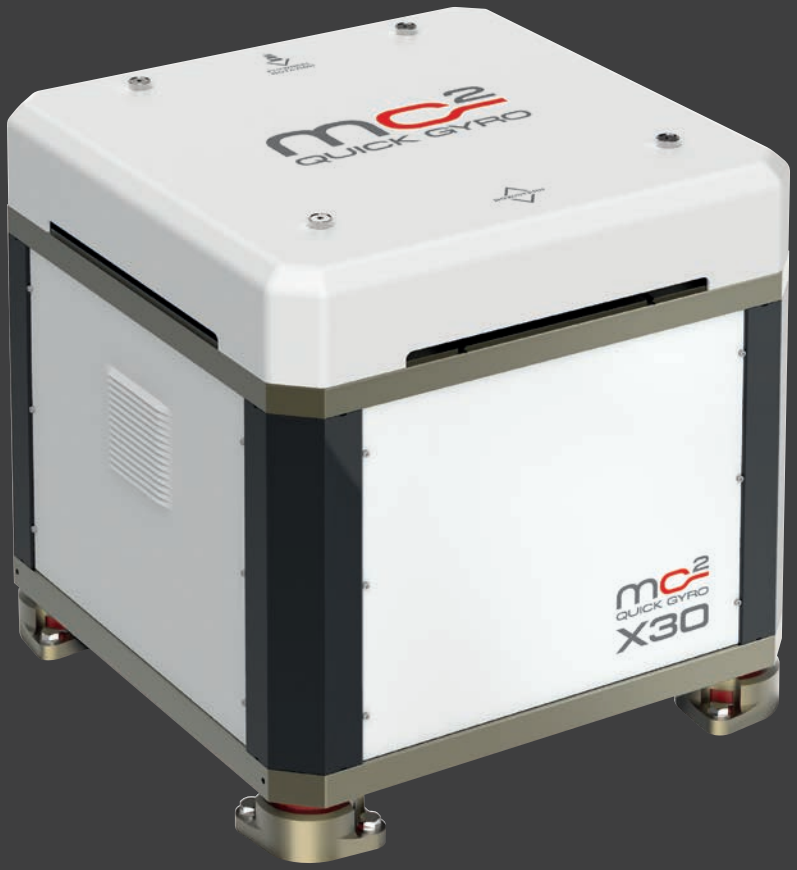


INSTALLING VIATOR FINS IS REMARKABLY SIMPLE, DESIGNED WITH EASE AND EFFICIENCY IN MIND

Once the servo unit is securely installed, simply connect it to the control unit with ease. The brushless motor, designed to operate with minimal noise, has been specially engineered to save valuable space within the system setup, ensuring it fits comfortably even in compact installations.
After connecting the primary hardware components, the only step left is to link the MC² 5" Remote Control to the system using the included cables. This setup process has been streamlined for user convenience, allowing for quick and efficient integration with the other components.

VIATOR

Model	VT700	VT900	VT1200	VT1700	VT2000
Area	0,7 mq / 7,5 ftq	0,9 mq / 9,7 ftq	1,2 mq / 12,9 ftq	1,8 mq / 19,4 ftq	2 mq / 21,5 ftq
Dimensions (WxH)	1,41 x 0,55 m 4,62 x 1,80 ft	1,8 x 0,7 m 5,90 x 2,29 ft	2 x 0,76 m 6,56 x 2,49 ft	2,56 x 1 m 8,39 x 3,28 ft	2,6 x 1,1 m 8,53 x 3,60 ft
Weight (each actuator)	110 kg / 242,5 lb	110 kg / 242,5 lb	110 kg / 242,5 lb	140 kg / 308,6 lb	140 kg / 308,6 lb
Power supply	24 Vdc | 240 Vac	24 Vdc 240 Vac | 400 Vac	24 Vdc 240 Vac | 400 Vac	240 Vac | 400 Vac	240 Vac | 400 Vac
Average power consumption	50A at 24 Vdc 6A at 240 Vac	75A at 24 Vdc 7A at 240 Vac 3,5A at 380 Vac	100A @ 24 Vdc 11A @ 240 Vac 7A @ 380 Vac	custom projects	custom projects
Maximun power consumption	100A at 24 Vdc 11A at 240 Vac	150A at 24 Vdc 15A at 240 Vac 9A at 380 Vac	210A @ 24 Vdc 20A @ 240 Vac 9A @ 380 Vac		
Power supply at anchor	0-2,5 kW	0-3,5 kW	0-5 kW		
Power supply at navigation	0-1 kW	0-2 kW	0-3 kW		
Boat speed (max)	40 Kts	40 Kts	35 Kts	30 Kts	25 Kts
Fins material	Carbon fiber				
Housing material	Aluminium and Stainless steel				
Hull material compatibility	Compatible with hulls made of composite materials (fiberglass, etc.), aluminum and steel. The system is not compatible with wooden hulls.				
Spool up time	Real time				
Fin rotational speed	up to 90°/sec			up to 80°/sec	
Possible rotation	0-360°				
Noise (DB)	<65 dBa			<70 dBa	
Operating temperature	-20°C ÷ +55°C / -4°F ÷ +131°F				
Approval	CE				
Maintenance	Annual (lifting the boat). During the hauling of the boat, the zinc should be checked and replaced if necessary, and the protective seal should be replaced.				


mc2
QUICK GYRO
mc2
QUICK GYRO
X30

QUICK GYRO

Anti-Roll Gyro Stabilizers


PARDO

QUICK GYRO

Anti-roll Gyro Stabilizers

ROLLING REDUCTION UP TO 95%

QUICK GYRO gyroscopic stabilizers can reduce boat roll up to 95% and are really effective both during sailing and at anchor.
This range has been designed to meet any customers' requirement, from small day cruisers or center consoles to superyachts, with no installation limits both on new build and refit.
QUICK GYROs offer unique features and are the result of continuous research aimed at improving performance and guaranteeing maximum safety.

Maximum comfort

In any condition, on any boat

Rapid “Spool Up”

With Quick Gyro you can quickly improve comfort. The X2 DC, the smallest model of the range, is already running in just 8’ and in 10’ it eliminates the roll (95%). In the medium sizes, Quick Gyro stabilizes in around 15’ on average. Comfort without compromises, also thanks to the low noise level that does not disturb life on board.

Low noise

Quick Gyro operates with remarkable quietness, emitting less than 70 dB even at full functionality. To put that into perspective, it’s quieter than a typical conversation or the gentle hum of a refrigerator. This low noise level ensures a serene and undisturbed onboard experience, allowing you to enjoy the stability and comfort of your vessel without intrusive background noise.

Less stress, more advantages

The flywheel on the horizontal axis

The Quick Gyro gyroscope flywheel rotates around a horizontal axis, evenly distributing the weight on the bearings, unlike other models with a vertical axis that primarily work on the lower bearing.

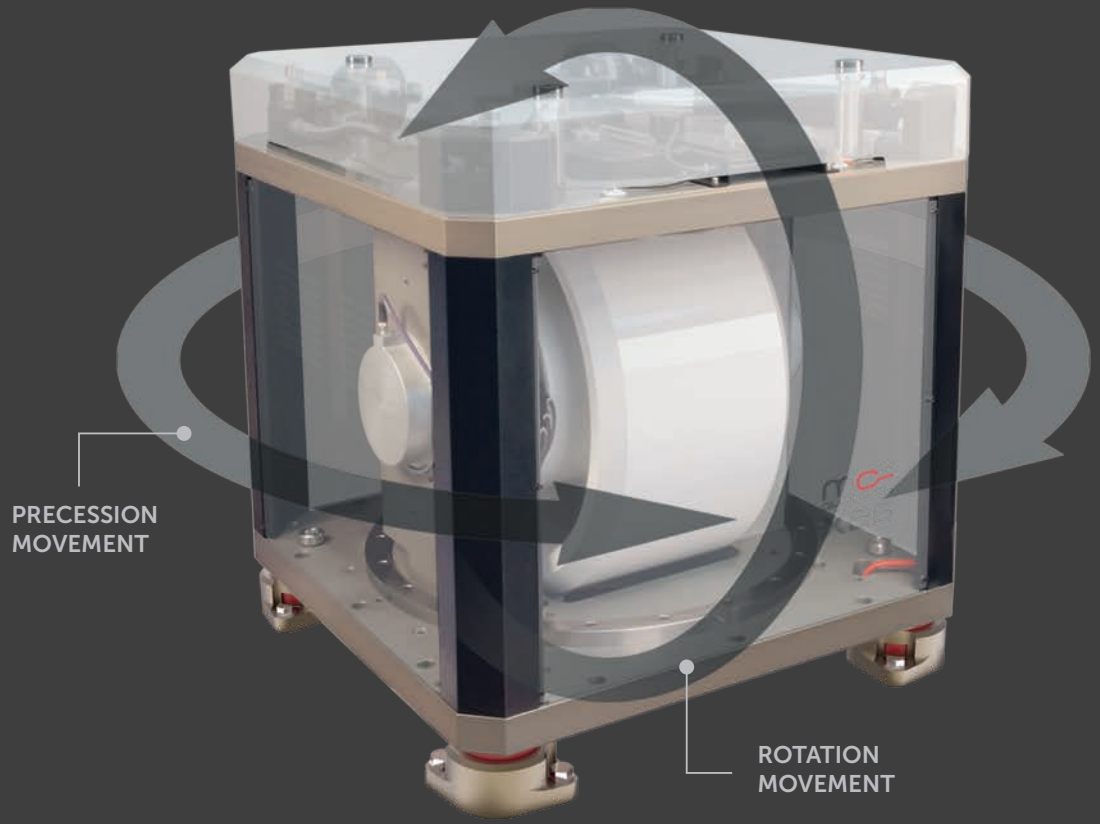
The weight is better distributed, hence it requires less rotations and less effort and promotes quicker stabilization.
These advantages make the product easy to install and reduce the need for maintenance; moreover, no water pumps or additional seawater intakes are necessary.

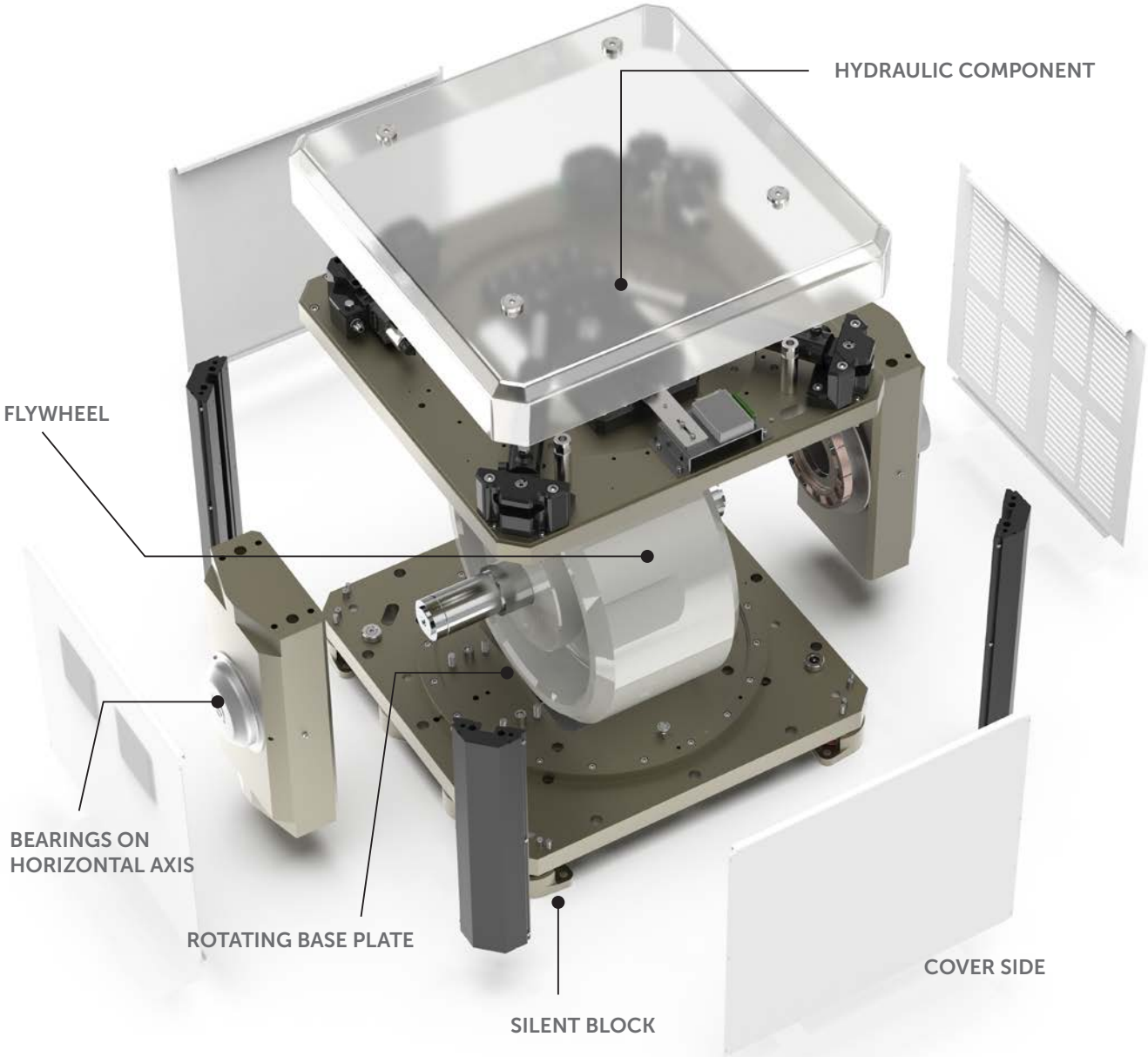
Thanks to an adequate ventilation in the installation compartment, or the use of an air conditioning system, the proper operation and maximum performance of the gyroscope are guaranteed.

LESS RPM - FASTER SPOOL UP - LESS HEAT - LOWER MAINTENANCE

TECHNICAL HIGHLIGHTS

- Compact and powerful
- Super fast spool up
- Easy installation
- Lower maintenance
- Absolutely silent
- Natural dissipation




HYDRAULIC COMPONENT
FLYWHEEL
BEARINGS ON
HORIZONTAL AXIS
ROTATING BASE PLATE
SILENT BLOCK
COVER SIDE


DANGER
ROTATING PARTS!
mc2
QUICK GYRO
X13

Easy installation

Both on new build and refit

Quick Gyro gyroscope is compact and designed for easy installation on any type of boat. The product is supplied ready for installation with mechanical anchoring and connection to the power supply. These features also make it ideal for refitting.

The gyroscope's functions are controlled by two fundamental components of the system - the driver and the control panel.
Installation is exclusively carried out by authorized Quick centers.
The company's technical support ensures that each installation is performed properly and certifies its proper operation with the "Quick commissioning."

Low maintenance

Directly on board

Quick Gyro stabilizer, like any machine, needs periodic maintenance to be able to ensure that it always operates properly.
Periodic maintenance can be performed on board the boat, without having to dismantle the stabilizer. MC^2 Quick Gyros are protected, but not vacuum sealed, therefore they are easy to inspect.

The Remote Control shows a notification for required periodic maintenance, that must be performed by Quick authorized staff.

EVERY BOAT IS THE RIGHT ONE FOR A QUICK GYRO

The range includes two series of models: X DC Series 12V DC powered and integrated driver, and X AC Series powered with external Driver Control. With the installation of multiple units, Quick Gyro can stabilize boats up to 250 tons.

There are no limits to installing a Quick Gyro stabilizer, even on boats under 10 meters. On board center console boats or small day cruisers there is enough space for the DC models.

The X2 and X3 DC with integrated driver measure just 42x42x48 cm (16,5x16,5x18,5 in) and do not weigh more than 130 Kg (289 lb). A Quick Gyro makes any type of activity more pleasant. Being able to stabilize a boat is no longer an exclusive benefit for luxury yachts, it is an added value available for everyone.

X DC SERIES

X2 DC
12 Vdc
6000 RPM
551 N·m·s
2000 N·m

X3 DC
12 Vdc
7000 RPM
643 N·m·s
3900 N·m

X5 DC
12 Vdc
4800 RPM
1722 N·m·s
5340 N·m

X7 DC
12 Vdc
4800 RPM
2174 N·m·s
6678 N·m

X10 DC
12 Vdc
6000 RPM
3120 N·m·s
10342 N·m

X13 DC
12 Vdc
4800 RPM
4185 N·m·s
12850 N·m

6 m / 20 ft

46 m / 150 ft

FIND OUT THE PERFECT GYRO STABILIZER FOR YOUR YACHT!

6-9 m / 20-30 ft	9-12 m / 30-40 ft	12-15 m / 40-50 ft	15-18 m / 50-60 ft	18-46 m / 60-150 ft
X2 DC - X3 DC				
	X5 DC - X7 DC - X10 DC -X13 DC			
		X13 AC - X16 AC - X19 AC		
			X25 AC - X30 AC	
				X40 AC - X56 AC - X75 AC

The provided data are for example purposes only and may vary according to the specific characteristics of each boat.

X AC SERIES

X5 AC
90-120/200-240 Vac
4800 RPM
1722 N·m·s
5340 N·m

X7 AC
90-120/200-240 Vac
4800 RPM
2174 N·m·s
6678 N·m

X10 AC
90-120/200-240 Vac
6000 RPM
3120 N·m·s
10342 N·m

X13 AC
90-120/200-240 Vac
4800 RPM
4185 N·m·s
12850 N·m

X16 AC
90-120/200-240 Vac
5000 RPM
5325 N·m·s
16350 N·m

X19 AC
90-120/200-240 Vac
5300 RPM
6090 N·m·s
18700 N·m

X25 AC
200-240 Vac
4000 RPM
8293 N·m·s
25464 N·m

X30 AC
200-240 Vac
4500 RPM
9878 N·m·s
30333 N·m

X40 AC
200-240 Vac
3500 RPM
13132 N·m·s
40624 N·m

X56 AC
200-240 Vac
3500 RPM
18000 N·m·s
55882 N·m

X75 AC
220-240 Vac / 380 Vac
4000 RPM
27153 N·m·s
75000 N·m

The Quick Gyro DC range is designed to meet the increasing demands of boat owners for specific, tailored stabilization. This innovative series, including models from 2.000 Nm to 13.000 Nm, offers cutting-edge features:

- The integrated Driver allows for a plug and play, easy installation with seamless performance during use.
- Ideal for Small Boats: the X2 and X3 are ideal for center consoles and small day cruisers, powered by 12V DC batteries.
- Lightweight & Compact: these stabilizers are designed to be compact and lightweight, perfectly suited for smaller vessels.

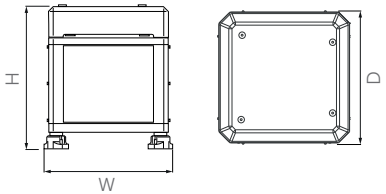
IGNITION PROOF

Quick Gyro DC stabilizers are LC Marine certified and therefore protected against the ignition of flammable gases in the surrounding environment.

X DC SERIES
FOR DC (12V) SYSTEMS

Model	MC² X2 DC	MC² X3 DC	MC² X5 DC	MC² X7 DC	MC² X10 DC	MC² X13 DC
Input voltage	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc
Rated speed (1)	6000 RPM	7000 RPM	4800 RPM	4800 RPM	6000 RPM	4800 RPM
Angular momentum (2)	551 N·m·s	643 N·m·s	1722 N·m·s	2174 N·m·s	3120 N·m·s	4185 N·m·s
Output torque (3)	**2000 N·m**	**3900 N·m**	**5340 N·m**	**6678 N·m**	**10342 N·m**	**12850 N·m**
Spool-up time to rated RPM	10 min	15 min	18 min	20 min	24 min	32 min
Spool-up time to stabilization	8 min	10 min	14 min	16 min	20 min	30 min
Power absorbed (4)	400÷700 W max	650÷900 W max	650÷900 W max	700÷1100 W max	1200÷1600 W max	1500÷2000 W max
Ambient air temperature	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F
Noise output	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB
Weight (5)	130 kg / 286,6 lb	130 kg / 286,6 lb	200 kg / 440,9 lb	282 kg / 621,7 lb	301 kg / 663,6 lb	461 kg / 1016,3 lb
Dimensions (WxDxH)	419x419x478 mm 16,5x16,5x18,8 in	419x419x478 mm 16,5x16,5x18,8 in	474x474x566 mm 18,7x18,7x22,3 in	474x474x566 mm 18,7x18,7x22,3 in	488x488x573 mm 19,2x19,2x22,6 in	590x590x677 mm 23,2x23,2x26,7 in
Average power absorption	0,5 kW	0,7 kW	0,8 kW	1 kW	1,4 kW	1,8 kW
Battery selection 2h runtime	100 Ah	200 Ah	200 Ah	200 Ah	300 Ah	400 Ah
Battery selection 3h runtime	150 Ah	250 Ah	250 Ah	300 Ah	400 Ah	800 Ah
Battery type	Lead, AGM, Gel, Lithium					
Approval	CE, LC					
Maintenance	Annual / 1000 h: Visual inspection, pressure checks, and lubrication system inspection. Only for X75: check of the heat exchanger and anodes.					

(1) Rated speed: flywheel speed (RPM: Revolutions per minute)
(2) Angular momentum: torque generated by the stabilizer in the time unit (newton meter second).
(3) Output torque: torque generated by the stabilizer at rated speed (newton meter).
(4) Absorption can vary according to the wave period.
(5) Excluding optional base plate accessory, standard or custom.



Quick Gyro

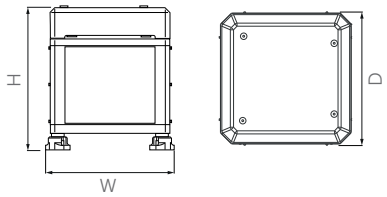
X AC SERIES
FOR AC SYSTEMS

Model	MC² X5	MC² X7	MC² X10	MC² X13	MC² X16	MC² X19
Input voltage	90-120 Vac 200-240 Vac	90-120 Vac 200-240 Vac	90-120 Vac 200-240 Vac	90-120 Vac 200-240 Vac	90-120 Vac 200-240 Vac	90-120 Vac 200-240 Vac
Rated speed [1]	4800 RPM	4800 RPM	6000 RPM	4800 RPM	5000 RPM	5300 RPM
Angular momentum [2]	1722 N·m·s	2174 N·m·s	3120 N·m·s	4185 N·m·s	5325 N·m·s	6090 N·m·s
Output torque [3]	**5340 N·m**	**6678 N·m**	**10342 N·m**	**12850 N·m**	**16350 N·m**	**18700 N·m**
Spool-up time to rated RPM	18 min	20 min	24 min	32 min	35 min	43 min
Spool-up time to stabilization	14 min	16 min	20 min	30 min	32 min	35 min
Power absorbed [4]	1400 W max	1500 W max	1900 W max	3000 W max	3200 W max	3500 W max
Frequency	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz
Ambient air temperature	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F
Noise output	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB
Weight [5]	206 kg / 454,1 lb	291 kg / 641,5 lb	310 kg / 683,4 lb	470 kg / 1036,2 lb	480 kg / 1058,2 lb	533 kg / 1175,0 lb
Quick Gyro dimens. (WxDxH)	474x474x566 mm 18,7x18,7x22,3 in	474x474x566 mm 18,7x18,7x22,3 in	488x488x573 mm 19,2x19,2x22,6 in	590x590x677 mm 23,2x23,2x26,7 in	590x590x677 mm 23,2x23,2x26,7 in	590x590x677 mm 23,2x23,2x26,7 in
Driver dimensions (WxDxH)	281x165x530 mm / 11x6,4x20,8 in					
Average power absorption	0,9 kW	1,1 kW	1,5 kW	2,5 kW	2,7 kW	2,9 kW
Battery type	Lead, AGM, Gel, Lithium					
Approval	LC, CE					
Maintenance	Annual / 1000 h: Visual inspection, pressure checks, and lubrication system inspection. Only for X75: check of the heat exchanger and anodes.					

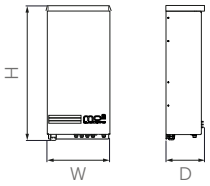
(1) Rated speed: flywheel speed (RPM: Revolutions per minute)
(2) Angular momentum: torque generated by the stabilizer in the time unit (newton meter second).
(3) Output torque: torque generated by the stabilizer at rated speed (newton meter).
(4) Absorption can vary according to the wave period.
(5) Excluding optional base plate accessory, standard or custom.

X AC SERIES
FOR AC SYSTEMS

Model	MC² X25	MC² X30	MC² X40	MC² X56	MC² X75
Input voltage	200-240 Vac	200-240 Vac	200-240 Vac	200-240 Vac	220 Vac 1F
Rated speed [1]	4000 RPM	4500 RPM	3500 RPM	3500 RPM	3500 RPM
Angular momentum [2]	8293 N·m·s	9878 N·m·s	13132 N·m·s	18000 N·m·s	27153 N·m·s
Output torque [3]	**25464 N·m**	**30333 N·m**	**40324 N·m**	**55882 N·m**	**75000 N·m**
Spool-up time to rated RPM	32 min	32 min	36 min	40 min	40 min
Spool-up time to stabilization	25 min	25 min	30 min	30 min	30 min
Power absorbed [4]	4500 W max	6000 W max	7000 W max	7000 W max	14000 W max
Frequency	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz
Ambient air temperature	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +131°F	-10°C ÷ +55°C 14°F ÷ +122°F
Noise output	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 72 dB
Weight [5]	840 kg / 1851,9 lb	925 kg / 2039,3 lb	1175 kg / 2590,4 lb	1525 kg / 3362,0 lb	2200 kg / 4850,1 lb
Quick Gyro dimensions (WxDxH)	780x780x814 mm 30,7x30,7x32 in	780x780x814 mm 30,7x30,7x32 in	950x950x1024 mm 37,4x37,4x40,3 in	950x950x1024 mm 37,4x37,4x40,3 in	1005x940x1005 mm 39,5x37x39,5 in
Driver dimensions (WxDxH)	281x165x530 mm / 11x6,4x20,8 in				
Average power absorption	3,5 kW	5 kW	6 kW	6 kW	8 kW
Battery type	Lead, AGM, Gel, Lithium				
Approval	CE				
Maintenance	Annual / 1000 h: Visual inspection, pressure checks, and lubrication system inspection. Only for X75: check of the heat exchanger and anodes.				



Quick Gyro



Driver


IN45
X65

INTERCEPTA

Interceptor trim tabs

INTERCEPTA

Interceptor trim tabs

INTERCEPTA trim tabs by MC^2 can actively reduce both roll and pitch of a boat up to 50%. Designed for maximum stability, they offer precise adjustments that greatly enhance onboard comfort, even in challenging sea conditions.

INTERCEPTA trim tabs are the ideal choice for ensuring a smoother navigation experience.

INTERCEPTA has two ranges: INTERCEPTA IN Series and INTERCEPTA X Series. The IN series is designed for easy installation and it has an integrated electric actuator, while the X Series allows for customisation in size, and the motor is mounted inside the hull.

Automatic controls

Trim and List control

During navigation, MC² Intercepta tabs correct the trim (Automatic Trim Control), the yacht's listing (Automatic List Control), and counteract pitching and rolling movements.

Full automatic or hands-on control?

Intercepta has you covered

Both Intercepta X and IN series come equipped with an advanced Full Automatic Trim And List Control, powered by the oscillometer within the control unit that continuously adjusts the vessel's balance for optimal comfort and stability.

For those who enjoy fine-tuning, a fully manual mode is also available, providing the freedom to adjust the vessel's trim settings to personal preference.

AUTOMATIC OPERATING MODE

Full Auto mode

The system automatically adjusts by analyzing data from the boat and its surrounding environment. This is made possible by the integrated inertial mass unit, which measures the boat accelerations in any axis, all powered by proprietary software.
For example, it switches to "dock" mode when entering the harbor and to "cruise" mode while underway.

Auto Trim mode

The system automatically maintains the optimal sailing trim to enhance planing and fuel efficiency.

Auto List mode

The system keeps the boat level even in the presence of wind or imbalances caused by asymmetrical weights.

Manual mode

Manually activated mode for adjusting trim and list manually.

SAFETY MODE

Self Calibration mode

The system uses an internal algorithm to calculate the optimal response curve for maintaining the best trim at various speeds.

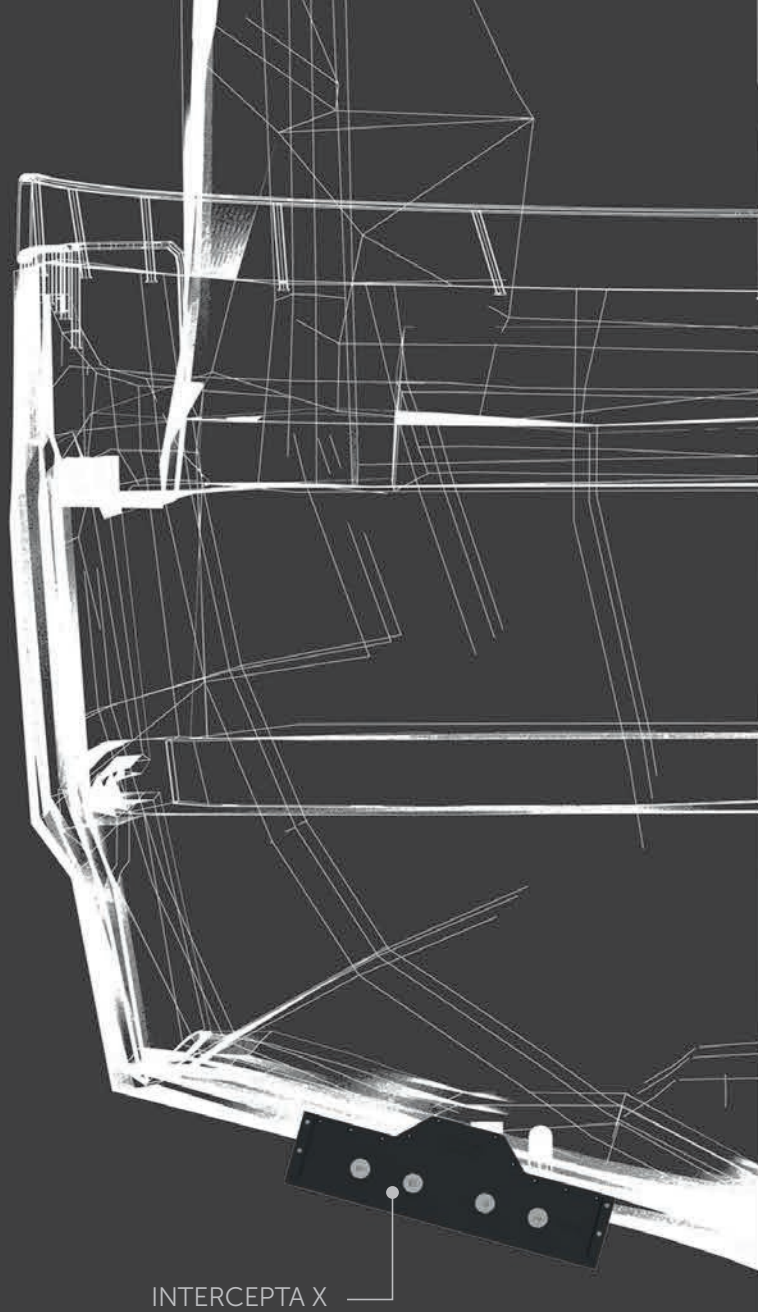
Auto Cleaning mode

The system automatically cleans the blades daily or weekly (customizable), as long as it remains connected to a power supply.

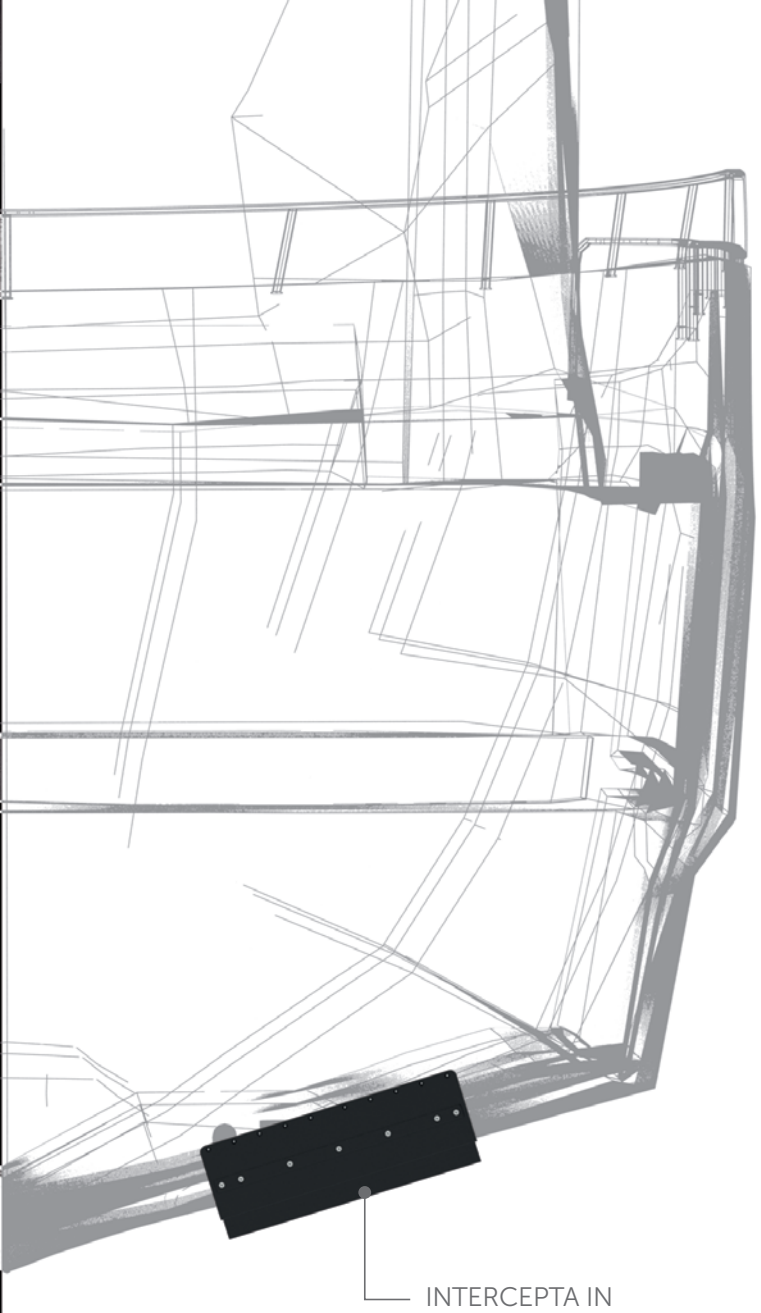
INTERCEPTA
X Series

Intercepta X Series is the latest completely plug-and-play and active Intruder by MC². Since the entire series is crafted through mechanical processing, alongside the four standard models, we offer a Tailor-Made service powered by Xenta Systems. This service allows to customize the product.

- **Custom design and size**
- **Motor position adjustable on request**
- **4 standard and ready to use models**
- **Motor placed inside the hull**
- **Active stabilization**
- **Easier turn**
- **Less fuel consumption**



Seacentric System compatible
Xenta System compatible



INTERCEPTA
IN Series

Intercepta IN Series is a completely plug & play and fully active system. The central unit reads and predicts the dynamics of the boat in order to coordinate the movement of the trim tab based on the sea and navigation conditions.

- **Plug & play system**
- **Active stabilization system**
- **12-24v power supply**
- **Integrated electric actuator**
- **Easy installation**
- **Easier turn**
- **Less fuel consumption**

Seacentric System compatible
Xenta System compatible

INTERCEPTA
X Series

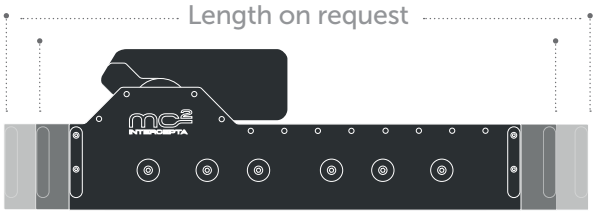
TECHNICAL HIGHLIGHTS

- Power Supply: 10-32 Vdc
- Range: Lengths from 50 to 100 cm with 4 ready-to-use model
- Blade Stroke: 50 mm across all models
- Speed: Up to 40 mm/s
- Motor Positioning: Inside hull

Crafted to be customized

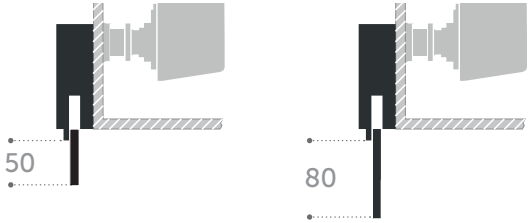
LENGTH OF THE PRODUCT

Intercepta X series has been designed to allow the total length of the product to be customized to the centimeter, ensuring it can adapt to any hull.



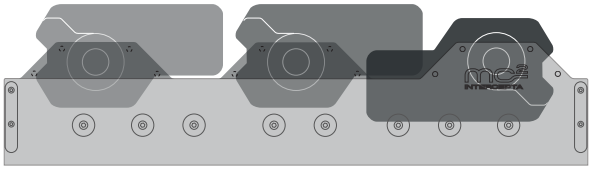
STROKE SIZE

On request, it is possible to increase the blade stroke length up to 80mm.



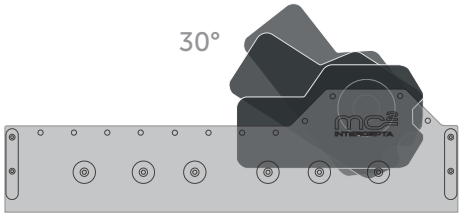
SERVO UNIT POSITIONING

The servo unit is located inside the hull and it can be positioned at the center, right or left of the blades according to the available space. For sizes between 50 and 65 cm, only central positioning is possible.



SERVO UNIT ORIENTATION

The servo unit can be oriented in 9 steps of 30° and a "fine tuning" for each step of ±16°.



INTERCEPTA
X Series

X50

10-32 Vdc
500 mm / 19,68 in (blade lenght)
500 x 80,5 x 217 mm / 19,68 x 3,16 x 8,54 in
18,3 kg / 40,3 lb

X65

10-32 Vdc
650 mm / 25,59 in (blade lenght)
650 x 80,5 x 217 mm / 25,59 x 3,16 x 8,54 in
20,5 kg / 45,2 lb

6 m / 20 ft

12 m / 40 ft

30,5 m / 100 ft

FIND OUT THE PERFECT INTERCEPTA X FOR YOUR YACHT!

6-9 m / 20-30 ft	9-12 m / 30-40 ft	12-15 m / 40-50 ft	15-18 m / 50-60 ft	18-24 m / 60-80 ft	24-30,5 m / 80-100 ft
	X50				
		X65			
			X80		
				X100	

The provided data are for example purposes only and may vary according to the specific characteristics of each boat.

X80

10-32 Vdc
800 mm / 31,49 in (blade lenght)
800 x 80,5 x 217 mm / 31,49 x 3,16 x 8,54 in
23,5 kg / 51,8 lb

X100

10-32 Vdc
1000 mm / 39,37 in (blade lenght)
1000 x 80,5 x 217 mm / 39,37 x 3,16 x 8,54 in
26 kg / 57,3 lb

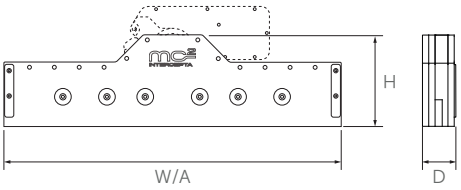
INTERCEPTA X Series provides models with different lengths, which can be combined in multiple installations up to 6 units.

INTERCEPTA

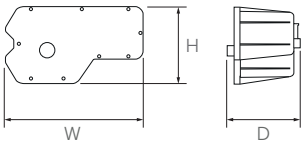
X SERIES

Model	X50	X65	X80	X100
Blade lenght (A)	500 mm / 19,68 in	650 mm / 25,59 in	800 mm / 31,49 in	1000 mm / 39,37 in
Intercepta X dimensions (W x D x H)	500 x 80,5 x 217 mm 19,68 x 3,16 x 8,54 in	650 x 80,5 x 217 mm 25,59 x 3,16 x 8,54 in	800 x 80,5 x 217 mm 31,49 x 3,16 x 8,54 in	1000 x 80,5 x 217 mm 39,37 x 3,16 x 8,54 in
Servo unit dimensions (W x D x H)	330 x 235* x 184,5 mm / 12,99 x 9,25* x 7,26 in			
Control unit dimensions (W x D x H)	267 x 51 x 168 mm / 12,51 x 2 x 6,61 in			
Weight	18,3 Kg / 40,3 lb	20,5 Kg / 45,2 lb	23,5 Kg / 51,8 lb	26 Kg / 57,3 lb
Operating temperature	0 to +40°C / 32°F to +104°F			
Stroke	50 mm (80 mm available on request) / 1,96 in (3,15 in available on request)			
Power supply	10-32 Vdc			
Blade speed	up to 40 mm/s / up to 1,57 in/s			
Battery type	Lead, AGM, Gel, Lithium			
Maximum power consumption	0,1 kW		0,2 kW	
Auto Cleaning	Yes (timing customizable: Min. 1/day to Max. 1/month)			
Transom tickness	20-75 mm / 0,78-2,95 in			
Approval	CE			
Maintenance	Annual (lifting the boat). Mandatory inspection of blade sliding for the intrusion of marine organisms/antifouling.			

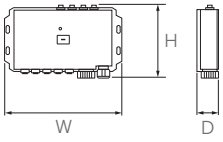
Note: The product must always be powered to prevent potential mechanical issues.



Intercepta X



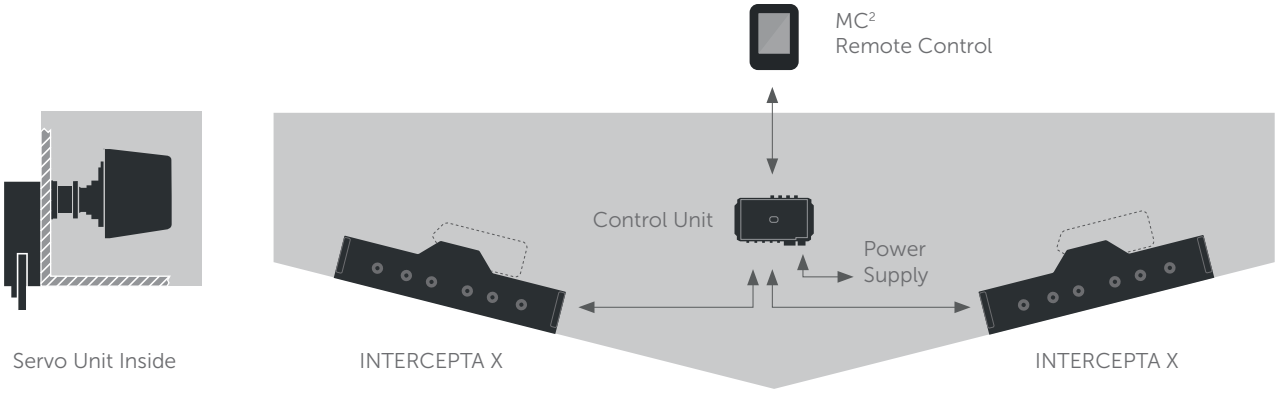
Servo unit



Control unit

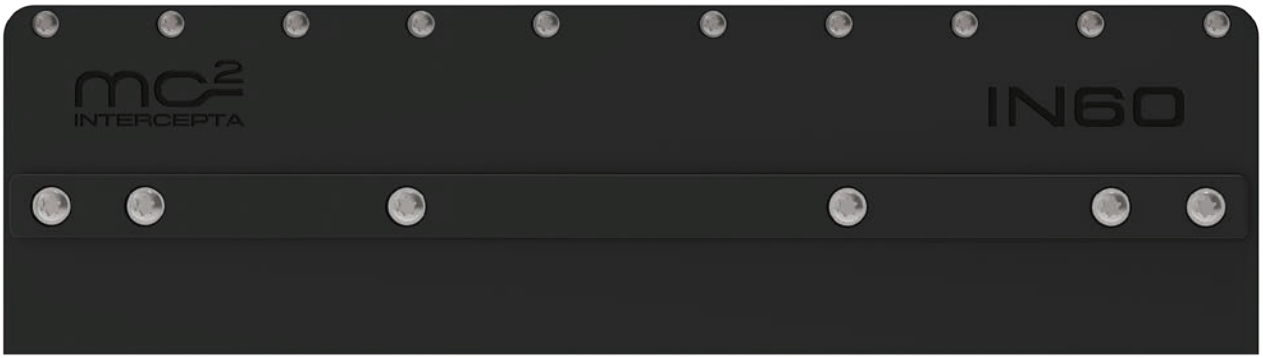
Installation

System arrangement



Installing Intercepta X is straightforward and efficient, with everything you need included in the package for a seamless, plug-and-play setup.
Designed for complete external mounting, the installation process is simple and hassle-free, allowing quick integration without complex steps. With the motor unit positioned inside the hull, maintenance becomes easy and can even be done with the boat in the water.
This design ensures that no potentially sacrificial parts are exposed to seawater, making Intercepta X both durable and user-friendly, built for long-term, simplified service.

INTERCEPTA
IN Series



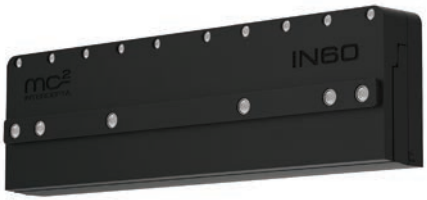
TECHNICAL SPECIFICATIONS

- Plug and Play: Includes trim tabs, wiring, and a central unit that monitors and adjusts to sea and navigation conditions
- Power Supply: Compatible with a voltage range of 10-30 Vdc
- Range: Trim tab lengths range from 350 mm to 1000 mm, combinable up to 6 units for vessels from 6 to 40 meters
- Integrated Electric Actuator: Fully external installation with no internal components.
- Active Stabilization: Provides real-time pitch and roll stabilization
- Stroke and Speed: 50 mm stroke, blade speed up to 40 mm/s

INTERCEPTA
IN Series

IN35
10-32 Vdc
350 mm / 13,78 in (blade lenght)
350 x 65 x 180 mm / 13,78 x 2,55 x 7,08 in
3,37 kg / 7,42 lb

IN45
10-32 Vdc
450 mm / 17,71 in (blade lenght)
450 x 65 x 180 mm / 17,71 x 2,55 x 7,08 in
5,69 kg / 12,54 lb



IN60
10-32 Vdc
600 mm / 23,62 in (blade lenght)
600 x 65 x 180 mm / 23,62 x 2,55 x 7,08 in
6,48 kg / 14,28 lb

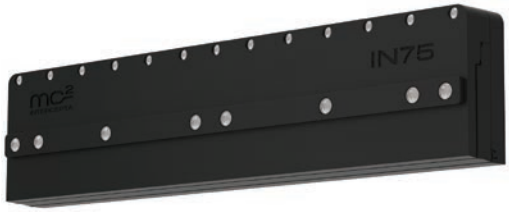
6 m / 20 ft

24 m / 80 ft

FIND OUT THE PERFECT INTERCEPTA IN FOR YOUR YACHT!

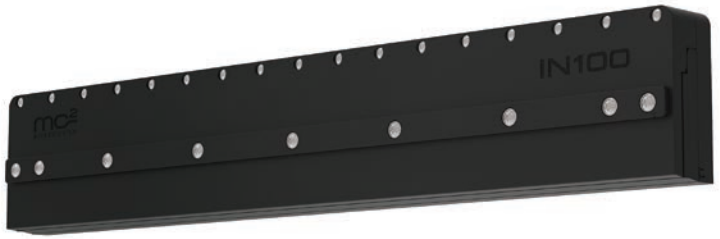
6-9 m / 20-30 ft	9-12 m / 30-40 ft	12-15 m / 40-50 ft	15-18 m / 50-60 ft	18-24 m / 60-80 ft	24-30,5 m / 80-100 ft
IN35					
	IN45				
		IN60			
			IN75		
				IN100	

The provided data are for example purposes only and may vary according to the specific characteristics of each boat.



IN75

10-32 Vdc
750 mm / 29,52 in (blade lenght)
750 x 65 x 180 mm / 29,52 x 2,55 x 7,08 in
7,85 kg / 17,30 lb



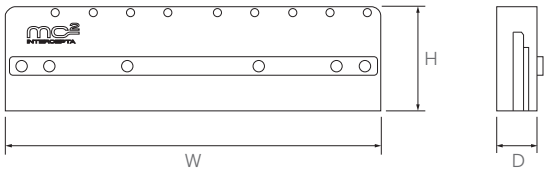
IN100

10-32 Vdc
1000 mm / 39,37 in (blade lenght)
1000 x 65 x 180 mm / 39,37 x 2,55 x 7,08 in
10,20 kg / 22,48 lb

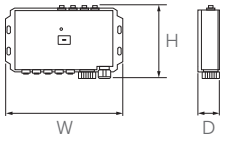
INTERCEPTA IN Series provides models with different lengths, which can be combined up to a maximum of 6 units.

INTERCEPTA
IN SERIES

Model	IN35	IN45	IN60	IN75	IN100
Intercepta IN dimensions (W x D x H)	350 x 65 x 180 mm 13,78 x 2,55 x 7,08 in	450 x 65 x 180 mm 17,71 x 2,55 x 7,08 in	600 x 65 x 180 mm 23,62 x 2,55 x 7,08 in	750 x 65 x 180 mm 29,52 x 2,55 x 7,08 in	1000 x 65 x 180 mm 39,37 x 2,55 x 7,08 in
Control unit dimensions (W x D x H)	267 x 51 x 168 mm / 12,51 x 2 x 6,61 in				
Stroke	50 mm / 1,96 in				
Power supply	10-30 Vdc				
Blade speed	up to 40 mm/s / up to 1,57 in/s				
Battery type	Lead, AGM, Gel, Lithium				
Maximum power consumption	0,1 kW	0,1 kW	0,2 kW	0,2 kW	0,2 kW
Auto Cleaning	Yes (customizable)				
Transom tickness	60 mm / 2,36 in				
Approval	CE				
Maintenance	Annual (lifting the boat)				



Intercepta IN

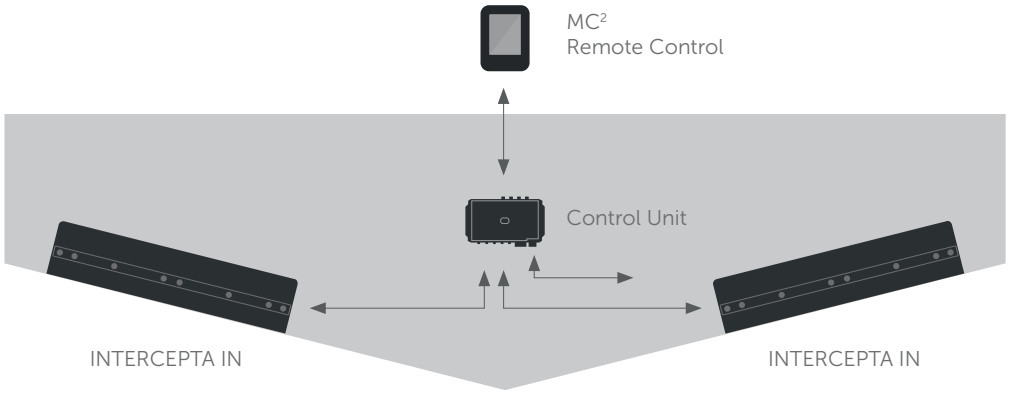


Control unit

Installation

System arrangement

Easy installation



Intercepta IN is designed for maximum ease of installation with a fully external setup that eliminates the need for internal components. Simply install the actuators, connect them to the control unit, and you're ready to go.

This space-efficient system is ideal for vessels with limited engine room capacity. Managed via the MC² Remote Control panel with a clear 3,5" display, Intercepta IN comes with all required plug-and-play cables included in the package, offering a quick and straightforward installation process for optimized onboard stability.

CONTROL SYSTEMS

Remote Controls

MC² products can be managed through the MC² Remote Control panel graphic display and by the QNN System.

REMOTE CONTROL

The panels can be used to monitor the precession release, RPM, and width of the angle of inclination. User utilities include periodic maintenance reminders and alarms in the event of a failure. Adjustments and display preferences are also available.

QNN

QNN is an innovative product compatible with all new generation chart plotters through the QNN gateway, which is the device that transfers the Quick system data to the navigation panels using the HTML5 protocol. QNN-Quick Nautical Network includes the control of the maneuvering, anchoring, battery charger, inverter, and lighting systems.

DO YOU WANT TO CHECK YOUR SYSTEM PERFORMANCE? DOWNLOAD THE MC² APP

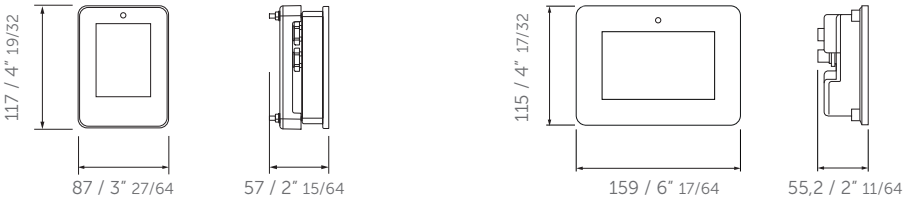
Download the MC² Mobile App to record the performance of the stabilizers. With the MC² Mobile App, you can check the roll reduction percentage, the improvement in comfort, and other interesting details. MC² Mobile App can be installed on smartphones and tablets (iOS and Android).

Remote Control panels

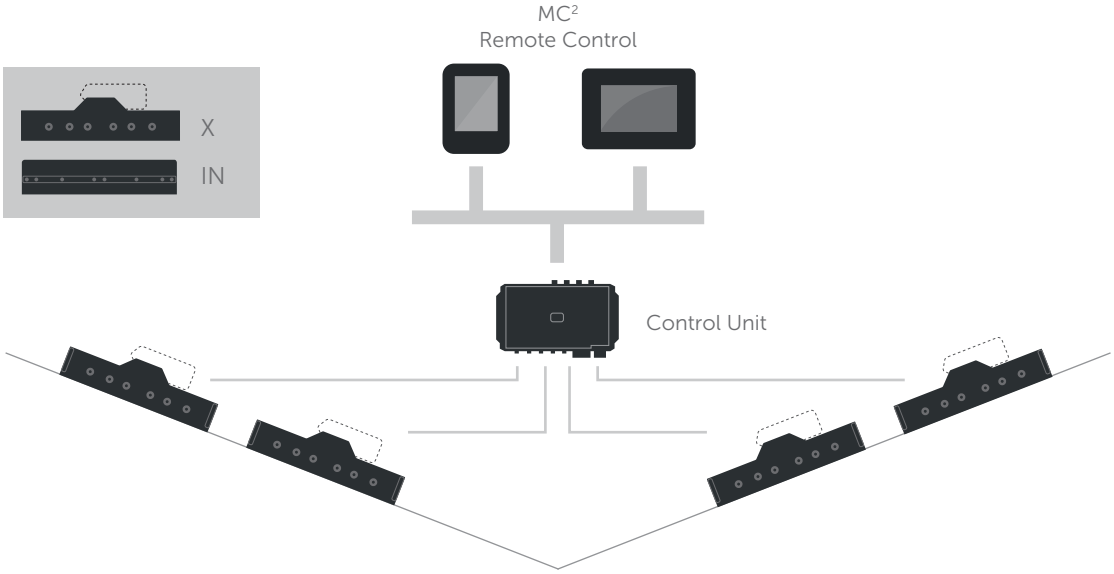
All the MC² products can be managed through the Remote Control panels graphic display. The panels can be used to monitor the precession release, RPM, and width of the angle of inclination. User utilities include periodic maintenance reminders and alarms in the event of a failure. Adjustments and display preferences are also available.

3,5" MC²
Remote Control

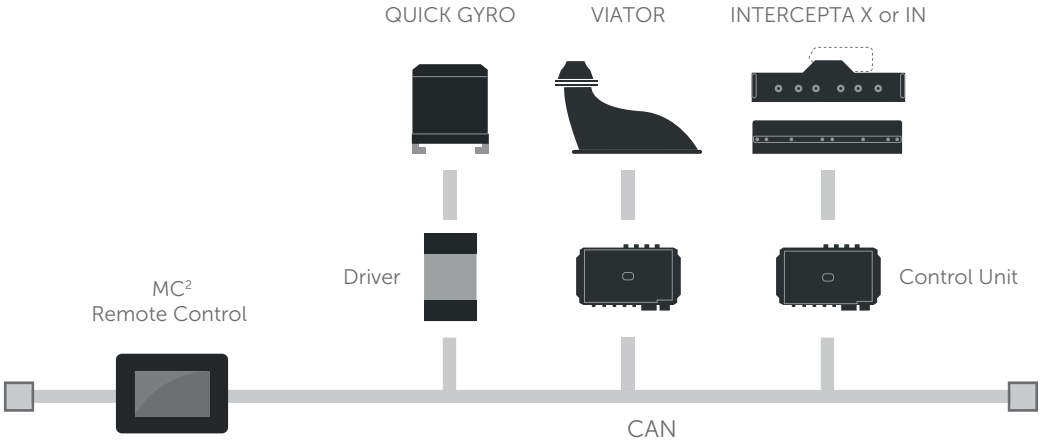
5" MC²
Remote Control



Dimensions (mm/in)



Example of Intercepta multiple installation

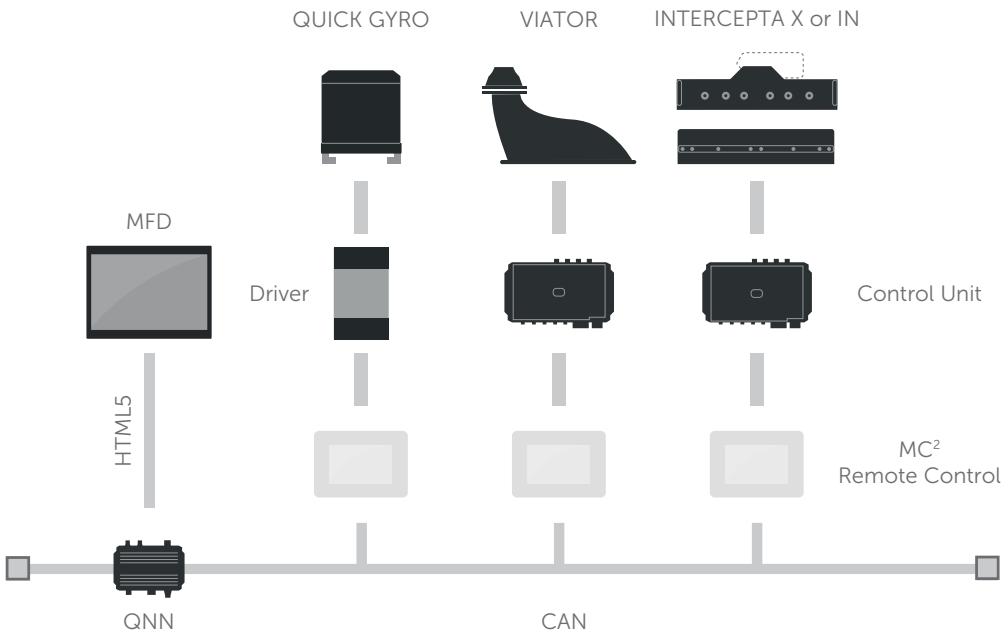


Example of a multiple MC² system installation using a single MC² Remote Control for the entire set up. It is also possible to use a dedicated Remote Control for each product, if preferred.


SIMRAD
THRUSTERS
GYRO STABILIZER
BATTERY CHARGERS
SINE WAVE INVERTER
LIGHTING
CHARGER A2
SIMRAD
Anchoring System
2.4 M
Remaining Chain

QNN System

MC² stabilizers can be controlled with the QNN-Quick Nautical Network. QNN is an innovative product compatible with all new generation chart plotters through the QNN gateway, which is the device that transfers the Quick system data to the navigation panels using the HTML5 protocol. QNN-Quick Nautical Network includes the control of the maneuvering, anchoring, battery charger, inverter, and lighting systems.



Example of a connection scheme for Viator, Intercepta, and Gyro through the QNN system with one Remote Control per product.
The installation of the Remote Control is mandatory for safety reasons.

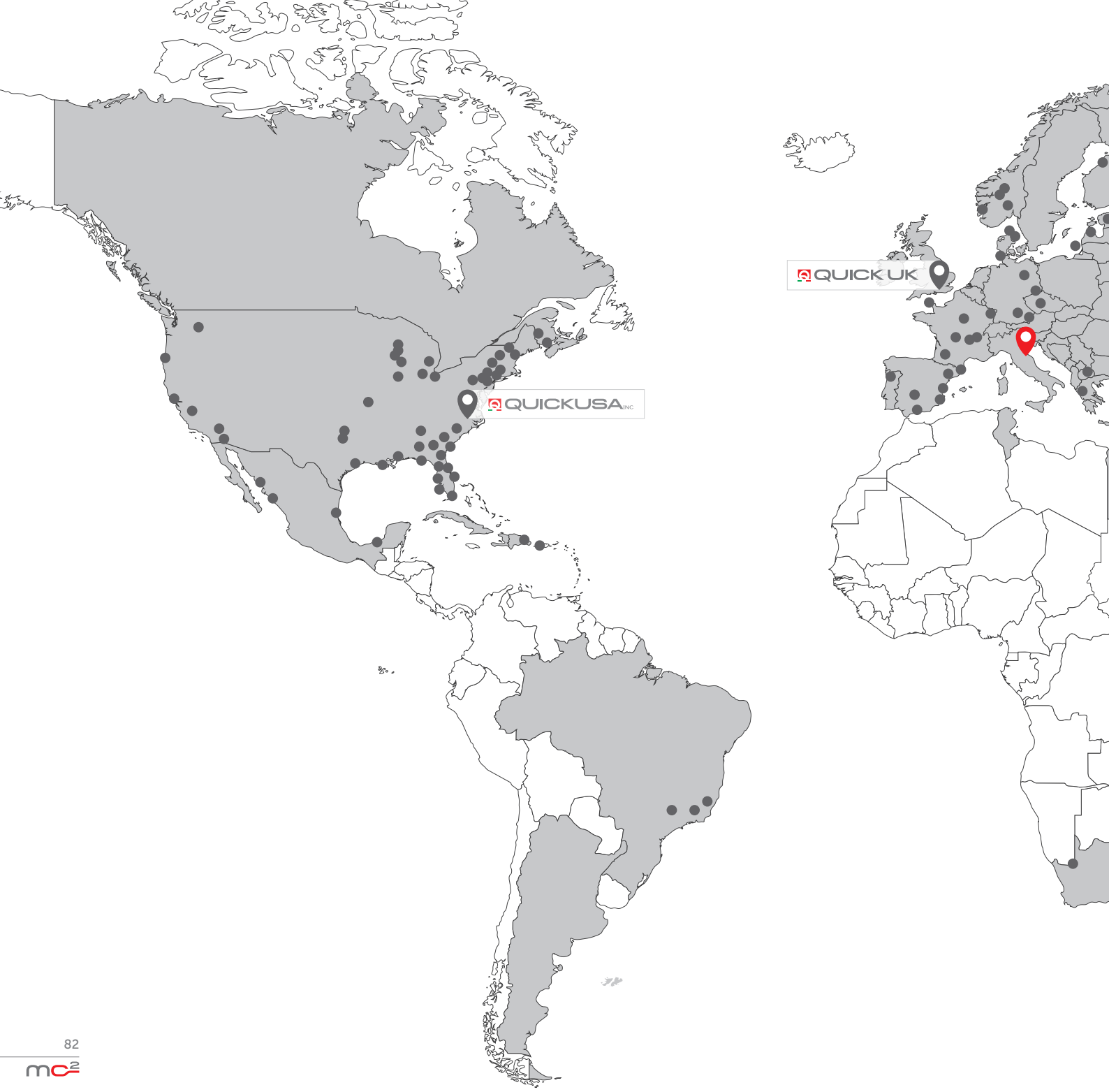
Support & installation

Authorized Quick Support and Installation Centers are distributed throughout the world, in over 110 countries, and our specialized team is ready to meet you at any time to respond to every specific need.

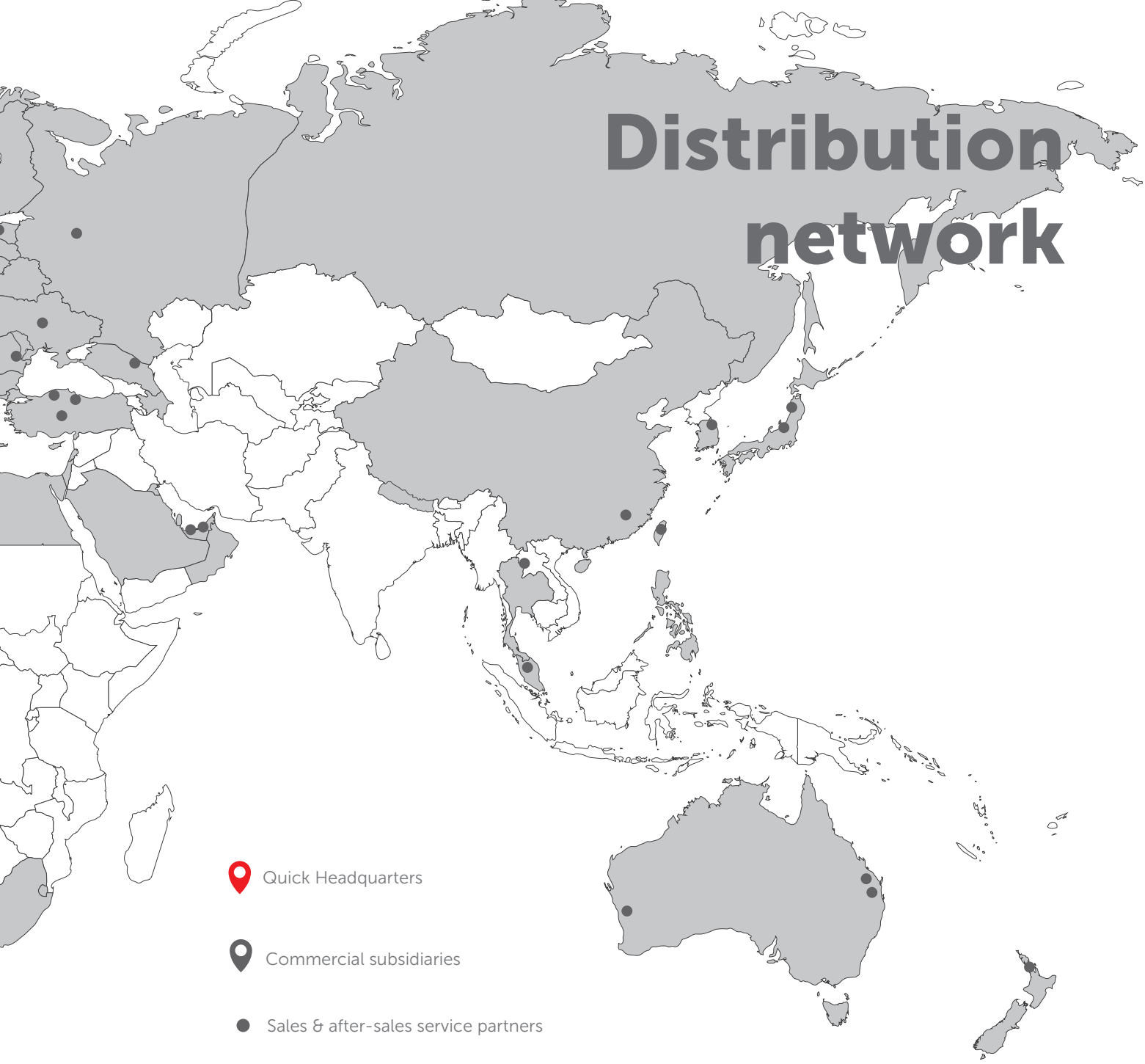
Our technical support ensures that each installation is performed properly and certifies its proper operation only after performing the "Quick commissioning."

The Quick Gyro success is due not only to the quality of the products, but also to the efficient support service that stands out for its professionalism and quick response.

The Quick support service has always been a feather in the company's cap.


QUICK UK
QUICKUSA INC

Distribution network



Quick S.p.A.
Via Piangipane 120/A - 48124 Piangipane (RA)
Phone: +39 0544 415 061
www.quickitaly.com
quick@quickitaly.com

CDBRMC200E01
January 2025

QuickGroup

Via Piangipane 120/A - 48124 Piangipane (RA) ITALY - Tel. +39 0544 415061 - www.quickgroup.com